# INARY ISSUE

### Work Order ID 61927-

Thursday, September 09, 2010 12:55:03 PM





Page 1

Item ID: Revision ID: Item Name: Start Date: Required Date:		Qty: 2.00 d Qty: 2.00			Cust Item I			s	Setup Star	1100111010	
Reference: Approvals:	Process Plan:QC:	H	Date: 10-9	Prooling: SPC (Y/N):		ate:		R	tun Star		
Sequence ID/ Work Center I	Opera D Descr	ation iption		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision N	br									
D4180	PA1										
Waterjet FLOW CNC Waterj	et	Memo 1-Cut as po Dwg Rev: Prog Rev: 2-Deburr i	PAI	0.00				B	6-9-13	W	
QC Quality Control	QC2-1	nspect parts off	machine FAI/FAIB	0.00				BI	0-9-13	(1)	

# Dart Aerospace Ltd W/O: WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Qty Approval Chief Eng. / Prod Mgr QC Inspector

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Resolution	on:	Disposition:	QA: N/C Closed:	Date:

NCR:			WORK ORDE	ER NON-CONFORMANO	CE (NCR)			
		Description of NC		Corrective Action Section B	Verifica		Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector

Item ID:

D4180-2

Thursday, September 09, 2010 12:55:03 PM

PRELIM

Revision ID: Item Name:

Start Date:

Gusset

QC:

9/9/2010

Start Qty: 2.00 Required Date: 9/16/2010

Operation

Description

Reg'd Qty: 2.00

Accept



Setup Start



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run

Start



Stop

Sequence ID/

Work Center ID

120

Memo

QC8- Inspect parts - second check

Set Up/ Run Hours Tool ID

Plan Tool # Code

Accept Qty

Reject Qty

Reject Insp. Number

Stamp

Quality Control

0.00 - inspecto to pal

130

Brake NC

Brake NC

Bend as per dwg

Memo

8h 10/09/14

0.00

140

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00 - inspectos to PA)

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Cate	gory:	NCR: Ye	s No DC	A:	Date:	
		lution:							
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NO	R)			
		Description of NC		Corrective Action Section	on B	Verif	ication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Da	1 & Sec	tion C	Chief Eng	QC Inspector
				· ·					

### Work Order ID 61927

Thursday, September 09, 2010 12:55:03 PM



Page 3

Item ID:

D4180-2

PRELIM

Revision ID: Item Name:

Gusset

Start Date:

9/9/2010

Start Qty: 2.00

Required Date: 9/16/2010 Req'd Qty: 2.00

Accept

Run

Setup Start

Stop

Reference:

Approvals:

QC:

Process Plan:

Date: Date: Tooling:

SPC (Y/N):

Date:

Date:

Cust Item ID:

Customer:

Tool ID

Start

Number Stamp

Insp.

Stop

Sequence ID/ Work Center ID

150

HandFinish

Hand Finishing

Operation Description

Chemical Conversion Coat per QSI005 4.1

Memo

Set Up/ Run Hours

0.00

0.00 BR 10-9-16

16/09/16

Tool#

Accept

Qty

Plan

Code

Reject

Qty

Reject

160

QC

Quality Control

QC3- Inspect Part Finish

Memo

0.00

0.00

170

Packaging

Packaging

Identify as per dwg & Stock Location:

Memo

0.00

0.00

Dart Ae	rospace Ltd							
W/O:			WORK ORDER	CHANGES				, , ,
DATE	STEP	PR	OCEDURE CHANGE	В	y Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Category:	NCR:	es No DQ	A:	Date: _	
	Resolu	tion:	Disposition:	QA: N/	C Closed:		Date: _	
NCR:			WORK ORDER NON-CON	IFORMANCE (N	ICR)			

NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto
			1					

### Work Order ID 61927

Thursday, September 09, 2010 12:55:03 PM



Page 4

Item ID:

D4180-2

PRELIM

Revision ID: Item Name: Start Date:

Gusset

QC:

9/9/2010

Start Qty: 2.00

Reg'd Qty: 2.00



Accept



Setup Start

Stop



Required Date: 9/16/2010 Reference:

Approvals:

Process Plan:

Date: Date:

Tooling: SPC (Y/N):

Date: Date: Run Start

Stop



Sequence ID/

Work Center ID

Memo

Operation

Description

QC21- Final Inspection - Work Order Release

Set Up/ Run Hours

0.00

Tool ID

Cust Item ID:

Customer:

Tool#

Plan Qty Code

Accept

Reject Reject Qty

Insp.

Number Stamp

Quality Control

0.00

11 1009.23

Dart Ae	rospace	e Ltd							(4)
W/O:			V	ORK ORDER CHANGES					
DATE	STEP	PROC	EDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:esolution:							
NCR:		W	ORK OR	DER NON-CONFORMANC	E (NCF	1)			
5.475	0.755	Description of NC		Corrective Action Section B		Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	100 mg	ion C	Chief Eng	QC Inspector

### Picklist Print

Thursday, September 09, 2010 12:55:07 PM

Work Order ID: 61927

Parent Item:

D4180-2

Parent Item Name: Gusset



Start Date: 9/9/2010

Required Date: 9/16/2010

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A 10.09.09 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.125		Purchased	No			100	sf	125.2600	0.191	0.402105	i		
6061-T6 125 Sheet											1B10-9	-3	

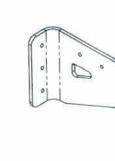
Location	Loc Qty	Loc Code	
MAT21	125,26		
113608	96		
114352	29.26		11

Dail Aciospace Ltu	Dart	Aeros	pace	Ltd
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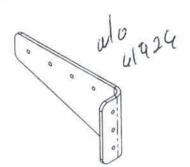
W/O:			W	ORK ORDER CHAN	IGES					, . T
DATE	STEP	PRO	OCEDURE CH	ANGE	E	Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cat	tegory:	NCR:	Yes N	o DQA	A:	_ Date: _	
	R	esolution:	Disposit	ion:	QA: N	/C Clos	ed:		Date:	
NCR:			WORK ORI	DER NON-CONFORT	MANCE (	NCR)				
DATE	CTED	Description of NC			ection B		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section		Chief Eng	QC Inspector
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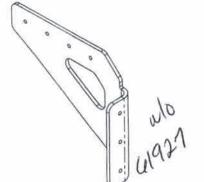
**D4180-3 GUSSET** 



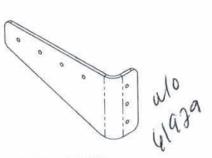
**D4180-5 GUSSET** 



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D4180-4 GUSSET 419



SHOP CONY RUTTERO PO EMERGERATION UNCONTROLLED CONV SUBJECT TO AMENDADES WITHOUT WITHER

D4180-6 GUSSET

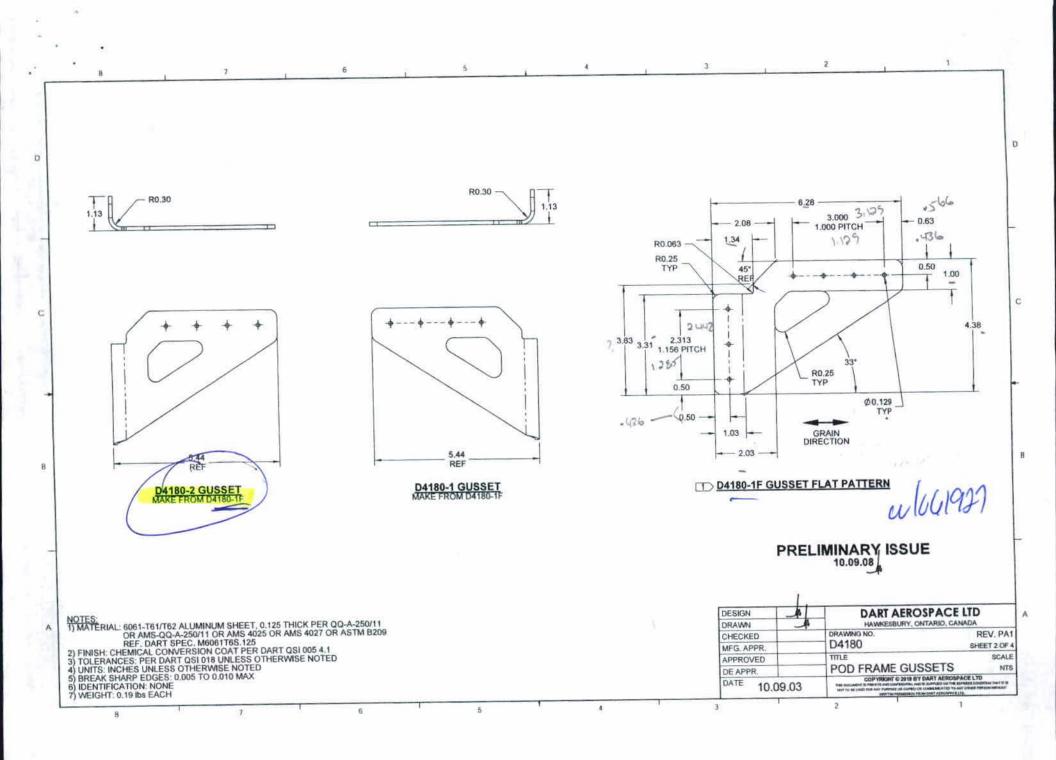
D4180-2 GUSSET

# PRELIMINARY ISSUE

PA1	NEW ISSUE			MB	10,09,03		
REV.			DESCRIPTION	8Y	DATE		
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CHECKED MFG, APPR.			DRAWING NO. D4180	REV. PA			
	PPROVED TITLE POD FRAME GUSSETS				SCALE		
10.09.03			COPYRIGHT © 1919 BY DART AEROSPACE LTD.  THE DECLARM IN PRINTE MIS CONFERMENT ME IN SHAPERS ON THE SEPRENT CONFIRM WHITH IN MIST TO BE LISTED HIS HAVE PURPLES ON LOWER DESLARABILITYSTS TO LISTED HIS THE PERSONNEL THE MEST AND AREA SEPACEMENT LTD.				

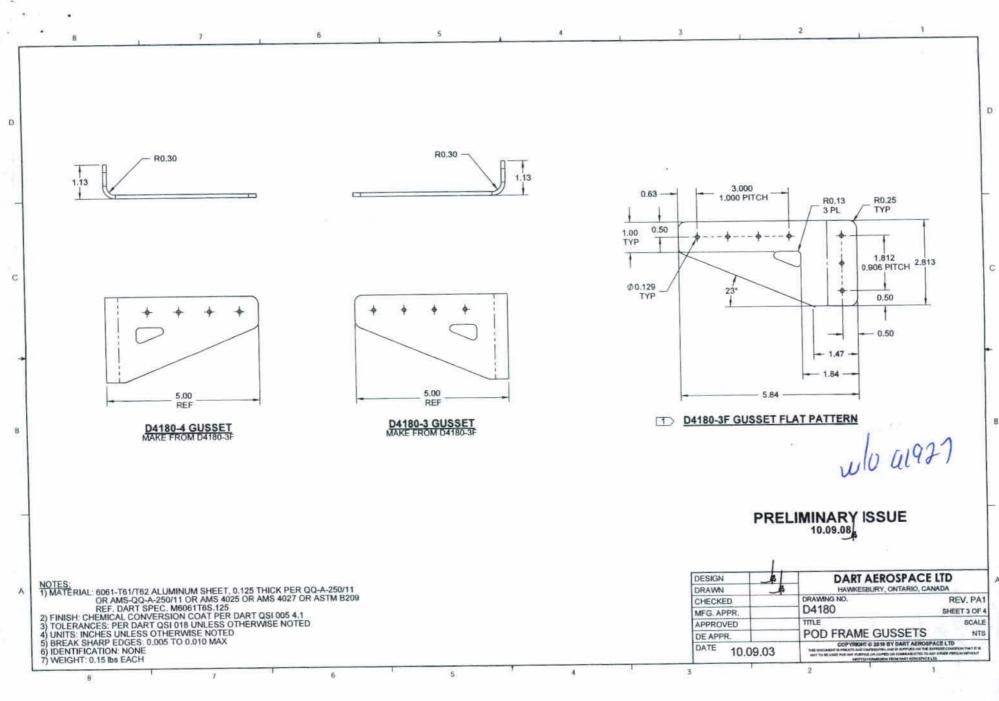
### Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANGE	S				
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQ	A:	Date:	
	R	esolution:	Disposition	on:	QA: N/C CI	osed:		Date:	
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DATE	STEP	Description of NC		Corrective Action Section		Verific	ation	Approval	Approval
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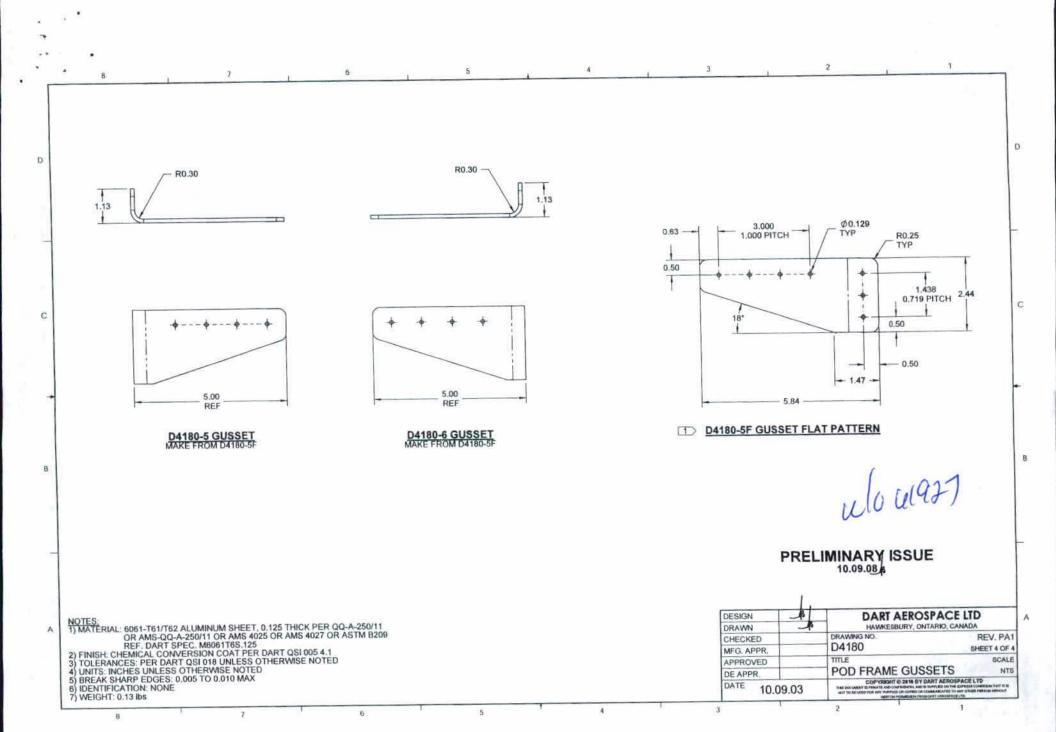
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DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
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DAIL	Section A	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	Section C	Chief Eng	QC Inspecto
¥									



DESIGN		DART AEROSPACE LTD				
DRAWN	_6	HAWKESBURY, ONTARIO, CANADA				
CHECKED		DRAWING NO.	REV. PA1			
MFG. APPR.		D4180	SHEET 3 OF 4			
APPROVED DE APPR.		TITLE	SCALE			
		POD FRAME GUSSETS				
DATE 10.0	9.03	COPYRIGHT © 2018 BY DART AEROSPACE LTD THE SOCIALIST OF PRINCIPAL AND INSTRUMENTS AND INSTRUMENTS THE STREET CONCRETE THAT IT IS HATT TO BE USED FOR ANY AUTORIST OF COPPED ON COMMANDATION TO JUST OR AND PRINCIPAL PRINCIPAL TO ANY OTHER PRINCIPAL				

### Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANGE	S				,,
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	Re	esolution:	Disposition	on:	QA: N/C CI	osed:		Date: _	
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DATE	STEP	Description of NC	Description of NC			tion B Verification			Approval
DATE	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	on C	Approval Chief Eng	QC Inspector



Dart Aerospace L	_td
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W/O:			WO	RK ORDER CHANGE	S		110		
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DATE	STEP	Description of NC		The state of the s	Section B		ation	Approval	Approval
DATE	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti		Chief Eng	QC Inspector

H:\riFQRMS\Quality Assurance\approved QA\NCRWO RevE

DART AEROSPACE LTD	Work Order:	61924
Description: (SUSSET	Part Number:	D4180-1
Inspection Dwg: D4(804) Rev: 9A(		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototyp
X	First Article	Prototy

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
P61, &	1,005-001	761,	8		V BOD	
1.34	4 .030	1,337	*	*	V	
2,68	4 00	2,68	*		V	
3.000	4 .00	3,000	*		V	
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So	4030	1501	7		V	
1.00	4- 630	1,000	A		V	
4.38	4 .00	4.383	7		V	
2,03	4030	2.038	علم		V	
1,03	4- 530	1.035	×		V	
150	4 .00	,497	4	.0	V	
2.313	-04°	2.315	8		V .	
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Measu	red by:	12	Audited by:	8	Prototype Approval:	N/A
measa	Date:	10-9-13	Date:	10/09/13	Date:	N/A
			inspecto 10		Revised by	Approved
Rev	Date	Change			KJ/JLM	

New Issue

